

## Zeman, Mary

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**From:** Zeman, Mary  
**Sent:** Tuesday, January 08, 2002 12:31 PM  
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**Subject:** Reference Request 09/589167

Please send a copy of the following as soon as possible.

thanks,

Mary K. Zeman

Examiner, 1631

305-7133

CM1 12A17

mailbox: CM1 12D01

**TITLE:** Application of artificial neural networks to the detection of *Mycobacterium tuberculosis*, its antibiotic resistance and prediction of pathogenicity amongst *Mycobacterium* spp. based on signature lipid biomarkers.

**AUTHOR(S):** Almeida, Jonas S. (1); Sonesson, Anders; Ringelberg, David B.; White, David C.

**SOURCE:** *Binary Computing in Microbiology*, (1995) Vol. 7, No. 4-6, pp. 159-166.

**TITLE:** Applying knowledge discovery to predict infectious disease epidemics.

**AUTHOR:** Raza Abidi, S.S.; Goh, A. (Sch. of Comput. Sci., Univ. Sains Malaysia, Penang, Malaysia)

**SOURCE:** PRICAI'98: Topics in Artificial Intelligence. 5th Pacific Rim International Conference on Artificial Intelligence. Proceedings  
Editor(s): Lee, H.-Y.; Motoda, H.  
Berlin, Germany: Springer-Verlag, 1998. p.170-81 of xix+646 pp. 18 refs.  
Conference: Singapore, 22-27 Nov 1998  
Sponsor(s): Center of the Int. Cooperation for Comput.; Microsoft; Sony Corp  
ISBN: 3-540-65271-X

**TITLE:** Applying knowledge discovery to predict infectious disease epidemics

**AUTHOR:** Abidi S S R (Reprint); Goh A

**SOURCE:** **LECTURE NOTES IN ARTIFICIAL INTELLIGENCE, (NOV-DEC 1998)**  
**Vol. 1531, pp. 170-181.**  
Publisher: SPRINGER-VERLAG BERLIN, HEIDELBERGER PLATZ 3, D-14197 BERLIN, GERMANY.  
ISSN: 0302-9743

**TITLE:** Use of neural networks to define the genetic basis of HIV-1 resistance to d4T

**AUTHOR:** Larder, B.A.; Wang, D.

CORPORATE SOURCE: Virco UK Ltd, 184 Cambridge Science Park, Cambridge, UK  
SOURCE: AIDS, (20001000) vol. 14, pp. S12-S13.  
Meeting Info.: 5th International Congress on Drug Therapy  
in HIV Infection. Glasgow (UK). 22-26 Oct 2000.  
ISSN: 0269-9370.

TITLE (IN ENGLISH): Correlation of HIV protease structure with Indinavir  
resistance : a data mining and neural  
networks approach

Data mining and knowledge discovery : theory, tools,  
and technology II : Orlando FL, 24-25 April 2000

AUTHOR: DRAGHICI S.; CUMBERLAND L.; KOVARI L. C.  
DASARATHY Belur V. (ed.)

CORPORATE SOURCE: Department of Computer Science, Wayne State  
University, 431 State Hall, Detroit, MI 48202, United  
States; Department of Biochemistry and Molecular  
Biology, Wayne State University 540 East Canfield  
Ave., Detroit, MI 48201, United States  
International Society for Optical Engineering,  
Bellingham WA, United States (patr.)

SOURCE: SPIE proceedings series, (2000), 4057, 319-329, 18  
refs.  
Conference: 2 Data mining and knowledge discovery.  
Conference, Orlando FL (United States), 24 Apr 2000  
ISSN: 1017-2653  
ISBN: 0-8194-3683-6

L Number	Hits	Search Text	DB	Time stamp
5	6348	neural adj network	USPAT; US-PGPUB	2002/01/08 11:27
8	2203	pathogen near10 resist\$4	USPAT; US-PGPUB	2002/01/08 11:26
11	1	(neural adj network) and (pathogen near10 resist\$4)	USPAT; US-PGPUB	2002/01/08 11:26
14	138	neural adj2 (net or network) and (pathogen or virus or bacteria or fungus or algae or protozoa) and resist\$4	USPAT; US-PGPUB	2002/01/08 11:37
17	1	neural and (net or network) and (pathogen or virus or bacteria or fungus or algae or protozoa) and (resist or resistance or resistant)	EPO; JPO; DERWENT; IBM_TDB	2002/01/08 11:38

STIC search in 1/8/02